

Product Datasheet

SARS-CoV-2 Nucleocapsid Antibody (75G5a) NBP3-07040

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-07040**SARS-CoV-2 Nucleocapsid Antibody (75G5a)**

Product Information	
Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	75G5a
Preservative	0.02% Sodium Azide
Isotype	IgG Kappa
Purity	Peptide affinity purified
Buffer	PBS, 50% Glycerol, 0.1% BSA

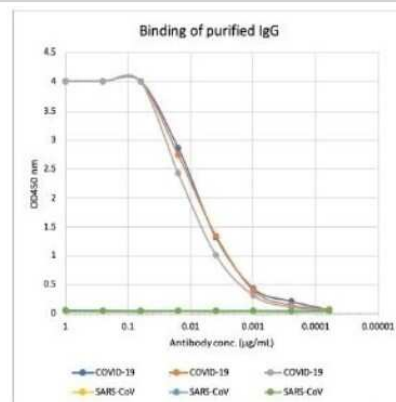
Product Description	
Description	Novus Biologicals Rabbit SARS-CoV-2 Nucleocapsid Antibody (75G5a) (NBP3-07040) is a recombinant monoclonal antibody validated for use in ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	43740575
Gene Symbol	N
Species	SARS-CoV-2
Reactivity Notes	Highly-specific to SARS-CoV-2 nucleoprotein; does not cross-react with nucleoprotein from SARS-CoV or other coronaviruses.
Immunogen	SARS-CoV-2 nucleoprotein (NP) specific peptide

Product Application Details	
Applications	ELISA, Sandwich ELISA
Recommended Dilutions	ELISA, Sandwich ELISA
Application Notes	Used for specific, high-sensitivity detection of SARS-CoV-2 nucleocapsid protein (NP).

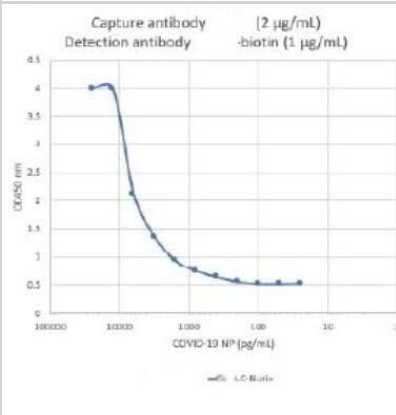


Images

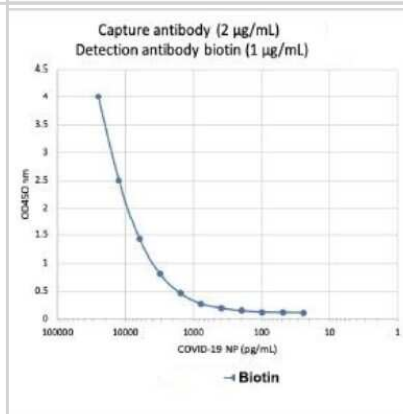
ELISA: SARS-CoV-2 Nucleocapsid Antibody (75G5a) [NBP3-07040] - Microtiter wells were coated with SARS-CoV-2 Nucleocapsid and SARS-CoV Nucleocapsid at 1 ug/mL. Purified rabbit monoclonal antibodies were serially diluted 1:2 starting at 1 ug/mL, which showed very strong and specific binding to COVID-19 Nucleocapsid antigen, with no significant cross-reactivity to SARS-CoV Nucleocapsid antigen.



Sandwich ELISA: SARS-CoV-2 Nucleocapsid Antibody (75G5a) [NBP3-07040] - A sandwich ELISA was performed using SARS-CoV-2 Nucleocapsid specific rabbit monoclonal antibodies: NBP3-07040 as a capture antibody and a biotin-conjugated antibody as a detection antibody. SARS-CoV-2 Nucleocapsid was serially diluted 1:2 starting at 25 ng/mL. Rabbit monoclonal antibodies NBP3-07040 and a biotin-conjugated antibody detected SARS-CoV-2 Nucleocapsid antigen at very high sensitivity as low as 100 pg/mL (100 pg).



Sandwich ELISA: SARS-CoV-2 Nucleocapsid Antibody (75G5a) [NBP3-07040] - A sandwich ELISA was performed using SARS-CoV-2 Nucleocapsid specific rabbit monoclonal antibodies: NBP3-07040 as a capture antibody and a biotin-conjugated antibody as a detection antibody. SARS-CoV-2 Nucleocapsid was serially diluted 1:2 starting at 25 ng/mL. Rabbit monoclonal antibodies NBP3-07040 and a biotin-conjugated antibody detected SARS-CoV-2 Nucleocapsid antigen at very high sensitivity as low as 25 pg/mL (25 pg).





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Products Related to NBP3-07040

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP3-07087	Recombinant SARS-CoV-2 Nucleocapsid His (C-Term) Protein
NBP3-49916	SARS-CoV-2 SARS-CoV-2 Nucleocapsid ELISA Kit (Colorimetric)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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